Figure S2. Analysis of β-arr1 or β-catenin knockdown and effects of ET₄R-driven β-arr1/β-catenin nuclear complexes on ET-1 expression. A. Expression of β-arr1 in sensitive and resistant 2008 cells transfected with SCR or sh-β-arr1 and rescued with mNLS-βarr1 or βarr1-180S for 48 hrs. β-actin was used as loading control. B. Expression of β-arr1 in sensitive and resistant A2780 cells transfected with SCR or sh-β-arr1 for 48 hrs. β-actin was used as loading control. C. Expression of β-catenin in cells transfected with SCR or si-β-caten for 48 hrs. β-actin was used as loading control. D. ET-1 promoter activity in sensitive and resistant A2780 cells treated with MAC, or BQ123, or BQ788, or silenced for β-arr1, or for β-catenin. Values are the mean ± SD. (n=6; *, p<0.001 vs Ctr of sensitive cells; **, p< 0.001 vs Ctr of resistant cells). E. Sensitive and resistant 2008 cells were treated with MAC, BQ123, or BQ788 for 15 min, in the presence or in the absence of ET-1, and the presence of β-arr1 and β-catenin, to ET-1 promoter region was measured by ChIP assay. F. Sensitive and resistant A2780 cells, transfected with SCR or sh-β-arr1 or treated with MAC for 15 min, in the presence or in absence ET-1, and the presence of β-arr1, β-catenin, p300, H3, HDAC1 and specific H3K18Ac to ET-1 promoter region was measured by ChIP assay. G. The occupancy of β-arr1 and β-catenin to ET-1, Cyclin D1 and MMP-2 promoters measured by ChIP assays followed by PCR in sensitive and resistant 2008 cells treated with ET-1 for 15 min. IgG was used as irrelevant antibody (IRR) for all ChIP reaction. The input DNA lane represents one-twentieth of the precleared chromatin used in each ChIP reaction.